

Claims:

1. Solution for colouring ceramic framework, comprising:

- 5 a) a metal salt,
- b) polyethylene glycol having a Mn in the range of about 1.000 to about 200.000,
- c) a solvent
- d) optionally a stabilizer,

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wherein the polyethylene glycol is present in an amount of about 0,5 to about 10 % by weight of the total composition.

2. Solution according to claim 1, wherein the polyethylene glycol has a viscosity of a aqueous polyethylene glycol solution (6 % by weight of polyethylene glycol 35.000 (Mn = 14.000 to 19.000) at 23°C.

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3. Solution according to anyone of the preceding claims, wherein the metal salt is selected from rare earth elements and/or of the subgroups of the rare earth elements and/or salts of transition metals of the groups IIIA, IVA, VA, VIA, VIIA, VIIIA, IB, IIB.

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4. Solution according to anyone of the preceding claims, wherein the metal salt is present in an amount of about 1 to about 5,0 % by weight of the total composition.

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5. Solution according to anyone of the preceding claims, wherein the solvent comprises water, methyl alcohol, ethyl alcohol, iso-propyl alcohol, n-propyl alcohol, acetone, glycol, glycerol alone or in admixture.

6. Process for obtaining a coloured ceramic framework, comprising the steps

- a) providing a ceramic framework

- b) providing a solution as described in anyone of the preceding claims.
- c) treating the ceramic framework with the solution of b)
- d) optionally drying the treated ceramic framework
- e) firing the treated ceramic framework.

5 7. Process according to claim 6, wherein the firing takes place at a temperature above about 1300 °C.

8. Ceramic framework, treated with a solution as described in anyone of claims 1 to 5.

9. Ceramic framework, obtainable from a process as described in anyone of 10 claims 6 to 7.

10. Ceramic framework according to claim 8 or 9 comprising ZrO_2 or Al_2O_3 .

11. Ceramic framework according to claim 10, wherein the ceramic is presintered and adsorbent.

15 12. Use of a solution comprising a) a metal salt, b) polyethylene glycol in an amount of about 0,5 to about 10 % by weight of the total composition and c) a solvent as described in anyone of the claims 1 to 5 for treating a ceramic framework.

20 13. Use of a solution comprising a) a metal salt, b) polyethylene glycol in an amount of about 0,5 to about 10 % by weight of the total composition and c) a solvent as described in anyone of the claims 1 to 5 for reducing the sintering deformation of ceramic framework during firing.